

INTERNATIONAL SEARCH REPORT

International Classification No

PCT/EP 03/07139

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C23C28/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 507 623 A (KOJIMA YOSHITAKA ET AL) 16 April 1996 (1996-04-16) abstract column 3, line 29 - line 41; claims 1,8 column 4, line 42 - line 64; table 1 column 6, line 37 - line 47	1,2,5,7, 10,11
Y	---	1-4,6-11
Y	WO 99 55527 A (SIEMENS AG ;STAMM WERNER (DE)) 4 November 1999 (1999-11-04) the whole document --- -/-	1,2,4,6, 7,10,11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

3 September 2003

Date of mailing of the international search report

18/09/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MUELLER G ET AL: "OXIDE SCALE GROWTH ON MCRAZY COATINGS AFTER PULSED ELECTRON BEAM TREATMENT" SURFACE AND COATINGS TECHNOLOGY, ELSEVIER, AMSTERDAM, NL, vol. 108/109, no. 1-3, 1998, pages 43-47, XP001004819 ISSN: 0257-8972 the whole document ----	1
Y	US 4 615 864 A (DARDI LOUIS E ET AL) 7 October 1986 (1986-10-07) abstract column 1, line 24 - line 29 column 3, line 27 - line 38; claim 1 column 4, line 5 - line 17 column 5, line 4 - line 17 -----	8,9
Y	US 6 001 492 A (JACKSON MELVIN ROBERT ET AL) 14 December 1999 (1999-12-14) column 3, line 11 - line 45 column 4, line 6 - line 24 column 5, line 43 - line 61 -----	3

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07139

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5507623	A	16-04-1996	JP 2949605 B2 JP 5078860 A	20-09-1999 30-03-1993
WO 9955527	A	04-11-1999	WO 9955527 A2 DE 59900691 D1 EP 1082216 A2 JP 2002513081 T	04-11-1999 21-02-2002 14-03-2001 08-05-2002
US 4615864	A	07-10-1986	US 4339509 A CA 1169267 A1 DE 3030961 A1 FR 2463191 A1 GB 2056487 A ,B GB 2056491 A ,B JP 1370702 C JP 56108850 A JP 61036061 B US 4447503 A	13-07-1982 19-06-1984 12-03-1981 20-02-1981 18-03-1981 18-03-1981 25-03-1987 28-08-1981 16-08-1986 08-05-1984
US 6001492	A	14-12-1999	NONE	